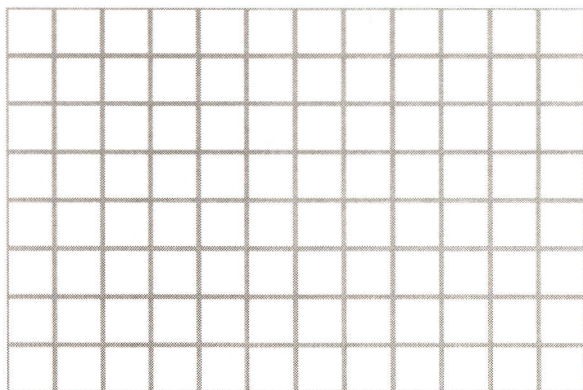
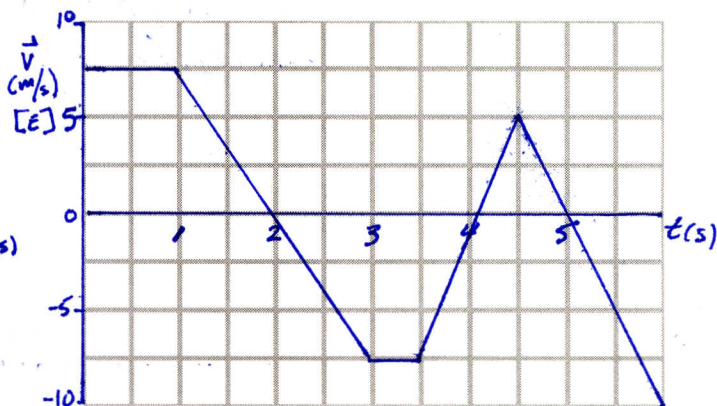
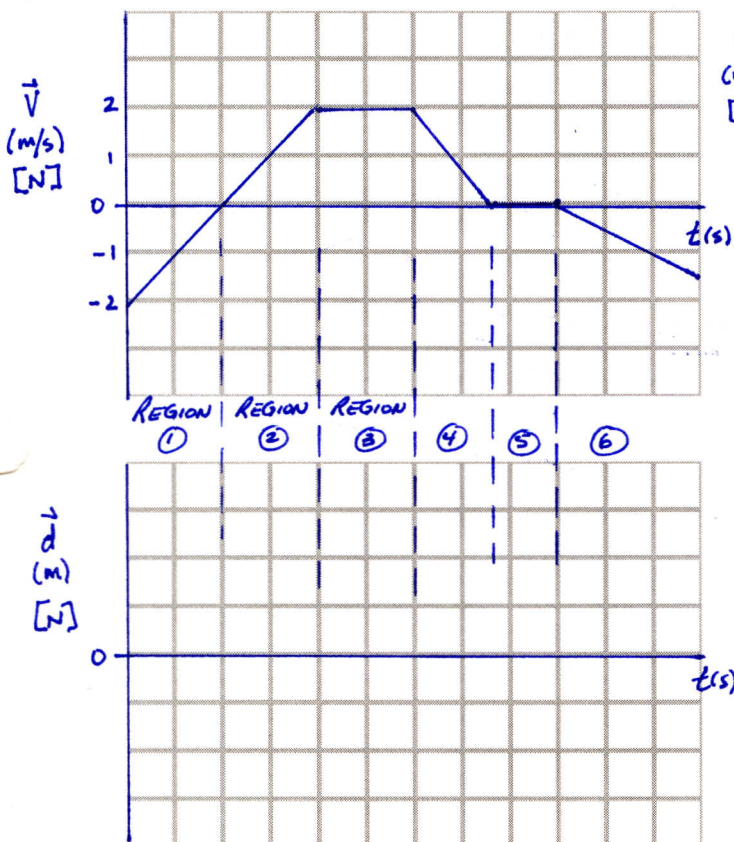


GRAPHICAL ANALYSIS OF MOTION

- Sketch a representative position-time graph for each of the following motions:
 - Uniform motion forward
 - Uniform motion backward
 - Speeding up forward (uniform acceleration)
 - Speeding up backward (uniform acceleration)
 - Slowing down forward (uniform acceleration)
 - Slowing down backward (uniform acceleration)
- Beside each of the graphs that you sketched in question 1, sketch the representative velocity-time graph for the same motion.
- Sketch the position-time graph that corresponds to the velocity-time graph shown below:
- Construct the ~~corresponding~~ position-time graph that corresponds to the velocity-time graph shown below:



- Sketch the velocity-time graph that corresponds to the position-time graph shown.

